

Form PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 040425-0152		SERIAL NO. Unassigned	
<b>INFORMATION DISCLOSURE CITATION</b>  <i>(Use several sheets if necessary)</i>				APPLICANT Akiko SHIRAI			
				FILING DATE 12/18/2001		GROUP ART UNIT Unassigned	

1093 U.S. PTO  
 10/020415  
 12/18/01

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
KS	A1	9-81583	03/1997	Japan				Abst.
KS	A2	6-162104	06/1994	Japan				Abst.
KS	A3	60-160475	08/1985	Japan				Abst.
KS	A4	62-279468	12/1987	Japan				Abst.
KS	A5	2-41566	02/1990	Japan				Abst.

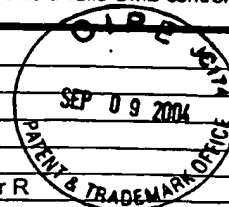
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		

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Substitute for form 1449B/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  Date Submitted: September 9, 2004  (use as many sheets as necessary)				Application Number	10/020,415
				Filing Date	12/18/2001
				First Named Inventor	Akiko SHIRAI
				Group Art Unit	2179
				Examiner Name	Hemdon, Heather R
Sheet	1	of	2	Attorney Docket Number	040425-0152



U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	A1	JP	6-348758		12/22/1994			ABS
	A2	JP	7-141389		06/02/1995			ABS

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>

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<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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